

PORTABLE BALLOON LAUNCHER SYSTEM**Abstract**

5 The portable balloon launcher system consists of a case that is equipped with
a set of legs that fold out from the back of the case. The case is then opened and
folding panels located therein extended to create a substantially rectangular launch
platform, oriented in a substantially horizontal plane. An integral launch bag is
connected to the resultant portable and stable launch platform. The uninflated balloon
is inserted into this launch bag, attached to a tank of helium, and inflated. Once the
10 instrumentation is attached to the balloon and the balloon is ready to launch, the
launch bag is opened and the balloon released.